

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Irrgn. & CAD Dept. – EPC Type of contracts – Formulation of General condition of contracts for Dams, Canals and Lift Irrigation Schemes – work entrusted to CGG , Hyderabad – Project cost Rs.5.00 lakhs – Sanctioned – Orders – Issued.

IRRIGATION & CAD (PW- Reforms) DEPARTMENT

G.O. Rt. No. 46

Dated: 22 -01-2010

Read the following:-

1. From D.G., CGG., Hyderabad, D.O.Lr.No. CGG/PRG/CON/C(M)/2008-09, dt. 25-3-2009.
2. Govt. Lr. No. 7183/Reforms-A1/2009-1, Irrgn. & CAD (Pw-Reforms) Dept. dt. 9.4.2009.
3. From D.G., CGG., Hyderabad, D.O.Lr. No. CGG/PRG/CON/C(M)/2008-09, dt. 21-4-2009.
4. Govt. Lr. No. 7183/Reforms-A1/2009-1, Irrgn. & CAD (Pw-Reforms) Dept. dt. 8.10.2009.
5. From D.G., CGG., Hyderabad, D.O.Lr.No. CGG/PRG/CON/C(M)/2008-09, dt. 20-10-2009.

ORDER:

Government of Andhra Pradesh has taken up many Irrigation projects including Large Lift Irrigation Schemes under “Jalayagnam” to provide irrigation facility to the upland and drought prone areas to improve socio- economic standards of farmers in the command. To complete the creation of such large scale irrigation infrastructure in the scheduled time frame, the present set up of Department need considerable additional human resources, particularly in the engineering wing. The existing set up is primarily engaged in the O & M of the completed projects under major, medium and minor irrigation and ERM projects. The area of Engineering investigations and execution of contemplated Projects in limited time frame has become a challenge. Therefore the Government has decided to adopt the EPC type of contracts to achieve the goals. The experiences available to the Department on the effective implementation of EPC type of contract and management has developed over last 5 years.

2. In this connection, during recent discussions, Government have requested Centre for Good Governance to take up the study of impact and improvement of general conditions for the EPC type of contracts, separately for Dams, Canals & Lift Irrigation Schemes and suggest scope of further improvement in effective implementation of the agreement for completion of project in tune and economy.

3. In this regard, in response to the request of Irrigation & CAD Dept., the Director General, CGG., Hyderabad, has furnish the detailed Terms of Reference indicating the cost break up and the role of department to take up the work , General study of Conditions of EPC Contracts for Dams, Canals and LI Schemes” . The Terms of Reference has mentioned below . In the reference 5th read above, he has requested to approve TOR and arrange to pay an amount of Rs. 2.00 lakhs being 40% of the project cost payable on acceptance of the proposal .

Terms of Reference

Name of the Project: EPC type of contracts-Formulation of general conditions of contract for Dams, Canals and L.I Schemes

Background

Government of AP has taken up many Irrigation projects including large Lift Irrigation Schemes under “Jalayagnam” to provide irrigation facility to the upland and drought prone areas to improve socio economic standards of farmers in the command. To complete the creation of such large scale irrigation infrastructure in the scheduled time frame, the present set up of Department need considerable additional human resources, particularly in the engineering wing. The existing set up is primarily engaged in the O&M of the completed projects under major, medium and minor irrigation and ERM projects. The area of

engineering investigations and execution of contemplated Projects in limited time frame has become a challenge. Therefore the Government has decided to adopt the EPC type of contracts to achieve the goals. EPC is a new phenomenon for the department and contracting agencies. There are no proven experiences available to the Department on the effective implementation of EPC type of contract and management. The department has been experiencing difficulties in formulating the general terms and conditions of contract for various types of projects or packages.

Government have requested Centre for Good Governance to suggest scope of improvement and effective implementation of general conditions of EPC contracts that could be applicable to Dams ,canal & L.I. Schemes.

Objectives

The main objectives of the assignment are,

- To formulate and furnish scope of improvement/alteration in existing general conditions for EPC type of contracts for Dams, Canals and L.I Schemes.

Methodology

- To study important general terms and conditions of the prevailing agreements and its applicability to the three types of works, namely; Dams ,canals and L.I. Schemes.
- To learn from the experiences of EPC contracts adopted for certain works in Tehri Hydro project / Sardar Sarovar /NHAI project etc and address the issues in the document to be prepared.
- To furnish a note on the important parameters and to hold a workshop and interaction with the senior officials, Contractors and selected field engineers to share their experiences and suggestions

Role of I &CAD Department

1. To furnish hard/soft copies of the latest agreements of EPC type of contracts and general conditions followed in three sectors i.e., dams, canals & LI Schemes.
2. To furnish available copies of EPC type of contracts adopted in Tehri dam and/ or Sarda Sarovar Project, etc.
3. To nominate one liaison officer from the Department as Single Point of contact for CGG to coordinate with CGG and Department. (Sri. Prakash Rao Advisor to Government is nominated).
4. To facilitate the participation of officers and contractors in the proposed workshop.
5. To associate two officers with CGG, who are involved in the preparation of tender documents and agreements of the present ongoing EPC types of works, for preparation of drafts.

Time frame: 2.5 Months Schedule for completion

1. Supply of hard/soft copies of the latest agreements of EPC type of contracts adopted in three sectors in Irrigation Department and other States available with Department —2 weeks from the date of acceptance of the proposal.
2. Interaction with the authorities of selected Projects, where EPC type of

- contracts adopted to share their experiences.- 4 weeks from the date of acceptance of the proposal.
3. Conducting a workshop with the senior engineers and contractors- 5 weeks from the date of acceptance of the proposal.
4. Formulation of General conditions of contracts –10 weeks from the date of acceptance of the proposal.

Project Cost:		Rs. 5 lakhs
Sl. No	Particulars of project cost mix	Cost (in Lakhs)
1	Professional Cost	3.00
2	Local Travel for Personnel	0.25
3	Out-station Travel for Personnel	1.00
4	Workshops/Printing of 10 sets of reports	0.25
5	Institutional Overheads	0.50
	Total	5.00

Payment Schedule

- 40% on acceptance of proposal
 - 30% on completion of studies and completion of workshop
 - 30% on furnishing documents
4. In the circumstances reported by the Director General, CGG in the para (3) above, Govt. after careful examination hereby approves the TOR as furnished above and also sanction Rs.5.00 lakhs towards Project cost. The amount shall be made as per the payment schedule indicated in the para (3) above. The above expenditure shall be debited to the following Head of account:-
- M.J.H. 2701 S.M.J. 80

M.H.001 DIRECTION AND ADMINISTRATION

M.H. 003 TRAINING

G.H. 11 Normal State Plan

S.H.(04) SPIU (Strategic Performance and Innovation unit)

280 Professional Services

284 Other payments

500 Other Charges

503 Other Expenditure.
5. The Director General, CGG shall take necessary action accordingly.
6. This order is issued with the concurrence of Finance (Expr. PW) Department vide their U.O.No.30671-A/1123/Exp.PW/09, dt. 2-12-2009.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHAILENDRA KUMAR JOSHI
PRINCIPAL SECRETARYS TO GOVT. (PROJECTS)

To
The Director-General, CGG, DR.MCR HRD Institute of A.P., Hyderabad.

Copy to:-
The Engineer-in-Chief (AW), Jalasoudha Buildings, Hyderabad.
The Engineer-in-Chief (Irrigation), Jalasoudha Buildings, Hyderabad.
Copy to the P.S. to Prl. Secy. (P)/P.S. to Secy. (AD)/P.S. to Secy. (RRM)/ P.A., to Spl.Secy. (CC)/Sri Prakash Rao, Advisor to Govt. (Rayalaseema),Nodal Officer.

// FORWARDED :: BY ORDER //

SECTION OFFICER